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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF: Wolfgang Clemens et al.

SERIAL NO: 10/517,750

FILED: December 13, 2004

EXAMINER: David C. Nelms ART UNIT: 2818

FOR: Substrate for an Organic Field Effect Transistor, use of the  
Substrate, Method of Increasing the Charge Carrier Mobility and  
Organic Field Effect Transistor

ATTY/DKT NO.: 411000-122 CUSTOMER NO.: 27162

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

Pursuant to 37 C.F.R. §1.56(a), Applicants hereby cite the enclosed documents listed on the attached copy of Form PTO-1449 which are believed to be material to the patentability of the above-identified application.

This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR §1.97 indicated below:

X §1.97(b) This Information Disclosure Statement is filed:

- (1) Within three months of the filing date of a national application; OR
- (2) Within three months of the date of entry of the national stage of an international application; OR
- (3) Before the mailing of a first Office Action on the merits.  
No fee or statement is required.

       §1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:

- (1) A Final Action or under 37 CFR §1.113; OR
- (2) A Notice of Allowance under 37 CFR §1.311; AND

is accompanied by either: (check one)

- The statement as specified in 37 CFR §1.97(e) set out below; OR  
       The fee of \$180.00 under 37 CFR §1.17(p).

§1.97(d) This Information Disclosure Statement is filed after the mailing date of either:

- (1) a Final Action or under 37 CFR §1.113; OR
- (2) A Notice of Allowance under 37 CFR §1.311;

BUT filed on or before payment of the Issue Fee; AND

is accompanied by:

- (1) The statement as specified in 37 CFR §1.97(e) as set forth below; AND
- (2) Petition is hereby made under 37 CFR §1.97(d) for consideration of this Information Disclosure Statement; AND,
- (3) The petition fee of \$180.00 set out in 37 CFR §1.17(i).

§1.97(e) The undersigned Attorney hereby states that:

- each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement; or
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to the knowledge of the undersigned Attorney after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

The relevancy of the non-English language documents cited is that they were cited in one or more of the copending applications cited in applicants' Disclosure Statements filed on Jan. 7, 2005 and August 11, 2005 or were cited in a commonly owned copending foreign application that may have subject matter generally related to the instant application.

The Commissioner is authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

**FIRST CLASS MAIL CERTIFICATE**

**Deposit Date: Oct 25, 2005**

I hereby certify that this paper and the attachments hereto are being deposited on the date indicated above as first class mail, postage prepaid, in an envelope addressed to:  
Mail Stop Amendment  
Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

*Janice Speidel*  
Janice Speidel

Oct. 25, 2005  
Date

Respectfully submitted,  
Wolfgang Clemens et al

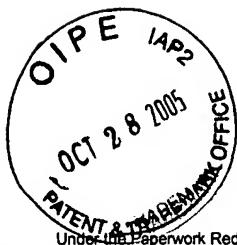
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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/517,750
Sheet	1		2	Filing Date	December 13, 2004
				First Named Inventor	Wolfgang Clemens
				Group Art Unit	2818
				Examiner Name	David C. Nelms
				Attorney Docket Number	411000-122

#### U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Document Number ----- Number-Kid Code <sup>2</sup> (if known)	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2002/0018911	02-00-2002	Bernius et al.	For all references see attached IDS Letter
		US-4,926,052	05-15-1990	Hatayama	
		US-5,892,244	04-06-1999	Tanaka et al.	
		US-6,344,662	02-05-2002	Dimitrakopoulos et al.	

#### FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document ----- Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		DE 101 17 663 A1	10-17-2002	Samsung SDI Co.		
		EP 0 615 256 B1	09-23-1998	Koninklijke Philips	See Attached IDS Letter	X
		EP 0 785 578 A2	07-23-1997	AT & T Corp.		X
		EP 0 785 578 A3	07-23-1997	AT & T Corp.		X
		EP 1 083 775 A1	03-14-2001	Seiko Epson Corp.		X
		JP 09083040 (abstract)	03-28-1997	Sharp Corp.		X
		JP 09320760 (abstract)	12-12-1997	Matsushita Electric Ind. Co		
		JP 10026934 (abstract)	01-27-1998	Toshiba Chem. Corp.		X
		JP 2969184 B	11-02-1999	Casio Computer co. Ltd.		
		JP 2969184 B (Translation)	11-02-1999	Casio Computer co. Ltd.		X
		WO 96/19792	06-27-1996	The Trustees of Princeton University		X
		WO 99/53371	10-21-1999	E Ink Corp.		X
		WO 02/05360 (abstract)	01-17-2002	Siemens AK		X
		WO 02/05360	01-17-2002	Siemens AK		

#### NON PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DAI, L. et al., "Conjugation of Polydienes by Oxidants Other Than Iodine", Elsevier Science S.A., Synthetic Metals 86 (1997) 1893-1894.	X



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

				<i>Complete if Known</i>
Application Number				10/517,750
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First Named Inventor				Wolfgang Clemens
Group Art Unit				2818
Examiner Name				David C. Nelms
Sheet	2	of	2	Attorney Docket Number
				411000-122

	DAI, L. et al., "I <sub>2</sub> -Doping" of 1,4-Polydienes*, Elsevier Science S.A., Synthetic Metals 69 (1995), pp 563-566.	X
	KAWASE, T. et al., "Inkjet Printed Via-Hole Interconnections and Resistors for All-Polymer Transistor Circuits", Advanced Materials 2001, 13, No. 21, November 2, 2001, pp 1601 – 1605.	X
	QIAO, X. et al., "The FeCl <sub>3</sub> -doped poly3-alk thiophenes) in solid state", Elsevier Science, Synthetic Metals 122 (2001) pp 449–454.	X

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.  
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